

**Notice of Allowability**

Application No.

10/772,451

Applicant(s)

HADA ET AL.

Examiner

Art Unit

DeMaris R. Wilson

1731

**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/11/2007.
2. ☒ The allowed claim(s) is/are 3 and 5 and 9-12, with said claims renumbered 1, 4, 2, 3, 5 and 6, respectively.
3. ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some\* c) ☐ None of the:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5. ☐ Notice of Informal Patent Application
6. ☐ Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other \_\_\_\_\_

***Acknowledgement of Applicant's Arguments***

Applicant's arguments, filed April 11, 2007, with respect to the 35 U.S.C. §103(a) rejection of claims 3 and 5 of the instant application have been fully considered and are persuasive. The 35 U.S.C. §103(a) rejection of instant claims 3 and 5 has been withdrawn.

**EXAMINER'S AMENDMENT**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

The application has been amended as follows:

This application is in condition for allowance except for the presence of claim 1-2, 4, 6, 7, and 8 directed to an invention non-elected without traverse. Accordingly, claims 1-2, 4, 6, 7 and 8 been cancelled.

The title has been changed to – "Method for Press Molding a Glass Optical Element".

**REASONS FOR ALLOWANCE**

1. The following is an examiner's statement of reasons for allowance:

The primary reason for allowance is that the primary art of record fails to disclose or reasonably suggest having a method for press-molding a glass

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optical element wherein a displacement is detected of a part of a structure member comprising a first die, and proceedingly calculating a correction value for a moving distance of a second die based upon the detected displacement of the structure member comprising the first die by a controller and then controlling the driving means so that the second die only moves relative to a correction a value corresponding to the detected displacement from above.

The prior art further fails to suggest detecting the temperature with a detecting means of the part of the structure member having a fixed first die, and proceedingly obtaining a correction value for a moving distance of the second die based on the data (ie detected temperature values and stored displacement values) that is stored in the memory of the controller for displacing the second die and, further, controlling the driving means to move the second die in accordance with the data.

2. It is considered that any reconstruction of the prior art would not be obvious to meet the distinguishable limitations of the instant application. Similar art is of record, however, does not precede the instant priority date.

### ***Conclusion***

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

US 7134298 drawn to a method of press-forming glass

US 5346522 drawn to a method and apparatus for molding optical glass elements

US 20060090512 drawn to a press molding apparatus and method of producing a glass

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US 20060059949 drawn to mold-press forming apparatus and method of manufacturing

US 5085570 drawn to a press for forming bodies

US 20040212110 for press-molding apparatus and method of production

US 7143617 drawn to a press

US 20040156947 drawn to a molding apparatus and molding method for production

US 7108812 drawn to a forming die unit

US 5264016 drawn to a method for manufacturing glass lenses

US 5944646 drawn to a apparatus and method for automatically forming an article

US 5282878 drawn to an apparatus for molding optical glass elements

US 6200122 drawn to thermoforming apparatus with improved press

US 6928838 drawn to an apparatus and method for forming silica glass elements

US 20050279137 drawn to a press forming machine for glass

US 5002479 drawn to an apparatus for adjusting the shut height of a mold in a differential pressure forming machine.

US 4459147 drawn to press head for glassware forming machine.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to DeMaris R. Wilson whose telephone number is 571.272.6377. The examiner can normally be reached on 9-5 Monday-Friday.


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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Steven Griffin can be reached on 571.272.1189. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

DRW   
6/25/2007

DeMaris R. Wilson  
Examiner  
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STEVEN P. GRIFFIN  
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